

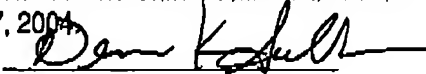
DEC 07 2004

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent Application of: Lei ) Atty. Docket: D5136  
Serial No.: 10/002,937 ) Group Art Unit: 3747  
Filed: November 15, 2001 ) Examiner: Carl S. Miller  
For: Fuel Injector With Controlled High Pressure Fuel Passage )

CERTIFICATE OF TRANSMISSION

I hereby certify that this document is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. (703)872-9306, on December 7, 2004.

  
Dennis K. Sullivan  
Attorney for Applicant

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
P.O. Box 1450  
Arlington, VA 22313-1450

Sir:


Further to Applicant's amendment filed on December 3, 2004, Applicant wishes to bring to the attention of the Examiner the references identified on the attached form PTO-1449A, a copy of the references are enclosed herewith for the Examiner's convenience.

Augustin and DaimlerChrysler show an alternate path from the high pressure fuel passage. However, the main fuel flow passage 9-17 is blocked unless the valve 22 is actuated. In Applicant's invention, the high pressure fuel passage is open unless the valve 352 is opened. Thus, Applicant's device is selectively operable whereas the reference device must be actuated during each injection.

A fee transmittal form for the fee due under 37 CFR 1.17(p) is attached.

An action on the merits is requested.

Respectfully submitted,

  
Dennis Kelly Sullivan  
Registration No. 26,510

Warrenville, IL 60555  
Date: December 7, 2004  
Telephone: 630/ 753-2311

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Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet	1	of	2
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**Complete if Known**

<b>Application Number</b>	10/002,937
<b>Filing Date</b>	11/15/01
<b>First Named Inventor</b>	Ning Lei
<b>Art Unit</b>	3747
<b>Examiner Name</b>	Carl Miller
<b>Attorney Docket Number</b>	D5136-CIP

[illegible][illegible]

Examiner  
Signature

Date Considered

1 Applicant's unique claidon designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTQ/SB/09B (10-01)

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Substitute for form 1449B/PTO		<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/002,937
		Filing Date	11/15/01
		First Named Inventor	Ning Lei
		Group Art Unit	3747
		Examiner Name	Carl Miller
		Attorney Docket Number	D5136-CIP
Sheet		of	

[illegible]

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/17 (10-03)

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**FEE TRANSMITTAL  
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 180.00**Complete if Known**

Application Number	10/002,937
Filing Date	11/15/01
First Named Inventor	Ning Lei
Examiner Name	Carl S. Miller
Art Unit	3747
Attorney Docket No.	D5136

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number  
Deposit Account Name

14-0603

International Truck &amp; Engine

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

**SUBTOTAL (1) (\$)****2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims		Extra Claims		Fee from below		Fee Paid	
Independent	Multiple Dependent	-20** =	-3** =	X	X		

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

**SUBTOTAL (2) (\$)**

\*\*or number previously paid, if greater. For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	60	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1261	110	2261	55	Extension for reply within first month	
1262	420	2262	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1264	1,480	2264	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1463	1,330	2463	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(g)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)** 180.00**SUBMITTED BY**

Name (Print/Type) Dennis K. Sullivan

Registration No. 26510  
(Attorney/Agent)

(Complete if applicable)

Telephone 630-753-2311

Signature

Date 12/07/2004

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS

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